Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) An automated recommendation system, comprising:

a processor connected to receive resource data defining available resources and at least two sets of profile data, each defining user preferences with respect to ~~said~~the resources;

each of ~~said~~the sets of profile data being derived from a different class of interaction of ~~said~~the user with a first portion of ~~said~~the resource data and usable to predict a given resource's desirability based on ~~said~~ each of ~~said~~the sets;

~~said~~the processor being adapted to:

generate at least two sets of predictions based on one or a combination of the sets of profile data, and

combine the predictions by weight-averaging corresponding ones from each of the at least two sets of predictions~~a weighted sum of corresponding records from each of said sets to generate a single combined set of profile data~~.

2. (Currently amended) A system as in claim 1, wherein

~~said~~the processor is further adapted to:

generate a weighted sum of corresponding records from each of the sets of profile data to generate a single combined set of profile data

generate at least one of the sets of predictions from ~~said~~the single combined set.

3. (Currently amended) A system as in claim 2, wherein

~~said~~the processor is connected to control a delivery of resources corresponding to ~~said~~the resource data and responsively to ~~said~~the predictions.

4. (Currently amended) A system as in claim 1, wherein

~~said~~the processor is connected to control a delivery of resources corresponding to ~~said~~the resource data and responsively to ~~said~~the predictions.

5. (Currently amended) A system as in claim 1, wherein

~~said~~the at least two profile data sets include

a feedback data set derived from ratings provided by ~~said~~the user with respect to a particular resource in ~~said~~the resource data.

6. (Currently amended) A system as in claim 1, wherein

~~said~~the at least two profile data sets include

an implicit data set derived from machine-observation of a user's resource use history, whereby ~~said~~the implicit data reflects ~~said~~the user's selections of resources to use.

7. (Currently amended) A system as in claim 1, wherein

at least one set of the at least two profile data sets comprises input vectors, and ~~said~~the input vectors each include feature-value pairs.

8. (Currently amended) A system as in claim 1, wherein

at least one set of the at least two profile data sets comprises input vectors, and ~~said~~the input vectors include feature-value pairs and a rating value.

9. (Currently amended) A method of recommending resources, comprising ~~the steps of~~:

generating at least two sets of profile data based on expressed preferences of a user with respect to ~~said~~the resources each being usable to predict a given resource's desirability based on ~~said~~ each of ~~said~~the sets;

generating at least two sets of predictions based on one or a combination of the sets of profile data; and

combining the predictions by weight-averaging corresponding ones from each of the at least two sets of predictions~~a weighted sum of corresponding records from each of said sets to generate a single combined set of profile data~~.

10. (Currently amended) A method as in claim 9, further comprising: ~~the step of~~

generating a weighted sum of corresponding records from each of the sets of profile data to generate a single combined set of profile data; and

generating at least one of the sets of predictions from ~~said~~the single combined set.

11. (Currently amended) A method as in claim 10, further comprising ~~the step of~~

controlling a delivery of resources corresponding to ~~said~~the resource data responsively to ~~said~~the predictions.

12. (Currently amended) A method as in claim 9, further comprising ~~the step of~~

controlling a delivery of resources corresponding to ~~said~~the resource data responsively to ~~said~~the predictions.

13. (Currently amended) A method as in claim 9, wherein

~~said step of~~ generating the at least two sets of profile data includes

generating a feedback data set by accepting ratings from a user with respect to a particular resource in ~~said~~the resource data.

14. (Currently amended) A method as in claim 9, wherein

~~said step of~~ generating the at least two sets of profile data includes

generating an implicit data set by observing a user's resource use history, whereby ~~said~~the implicit data reflects ~~said~~the user's selections of resources to use.

15. (Currently amended) A method as in claim 9, wherein

at least one set of the at least two sets of profile data ~~sets~~ comprises input vectors, and ~~said~~the input vectors each include feature-value pairs.

16. (Currently amended) A method as in claim 9, wherein

at least one set of the at least two sets of profile data comprises input vectors, and

~~said step of~~ generating the at least two sets of profile data includes generating feature-value pairs and a rating value.

17. (Currently amended) A method as in claim 9, wherein:

~~said~~the sets of profile data includes

a set of explicit profile data indicating express indications by a user of preferred classes of programming rather than indications by ~~said~~the user of particular resources that are preferred;

~~said~~the sets of profile data further include

feedback data set derived from ratings provided by ~~said~~the user with respect to a particular resource in ~~said~~the resource data; and

~~said~~the sets of profile data further include

an implicit data set derived from machine-observation of a user's resource use history, whereby ~~said~~the implicit data reflects ~~said~~the user's selection.

18. (Currently amended) An automated recommendation system, comprising:

a processor connected to receive resource data defining available resources and sets of profile data, each defining user preferences with respect to ~~said~~the resources;

~~said~~the sets of profile data including

a set of explicit profile data indicating express indications by a user of preferred classes of programming rather than indications by ~~said~~the user of particular resources that are preferred;

~~said~~the sets of profile data further including

feedback data set derived from ratings provided by ~~said~~the user with respect to a particular resource in ~~said~~the resource data; and

~~said~~the sets of profile data further including

an implicit data set derived from machine-observation of a user's resource use history, whereby ~~said~~the implicit data reflects ~~said~~the user's selection;

~~said~~the processor being adapted to generate at least two sets of predictions based on one or a combination of ~~said~~the sets of profile data, each of ~~said~~the predictions including a confidence level;

~~said~~the processor being further adapted to combine ~~said~~the predictions by weight-averaging corresponding ones from each of ~~said~~the at least two sets .

19. (Currently amended) A system as in claim 18, wherein

~~said~~the processor is further adapted to adjust weights of ~~said~~the weight averaging responsively to a difference between ~~said~~the corresponding ones.

20. (Currently amended) A system as in claim 18, wherein

~~said~~the processor is further adapted to selectively override ~~said~~the weight averaging responsively to a difference between ~~said~~the corresponding ones.

21. (Currently amended) A method of automatically recommending resources, comprising ~~the steps of~~:

receiving resource data defining available resources and sets of profile data, each defining user preferences with respect to ~~said~~the resources;

~~said~~the sets of profile data including

a set of explicit profile data indicating express indications by a user of preferred classes of programming rather than indications by ~~said~~the user of particular resources that are preferred;

~~said~~the sets of profile data further including

feedback data set derived from ratings provided by ~~said~~the user with respect to a particular resource in ~~said~~the resource data; and

~~said~~the sets of profile data further including

an implicit data set derived from machine-observation of a user's resource use history, whereby ~~said~~the implicit data reflects ~~said~~the user's selection;

generating at least two sets of predictions based on one or a combination of ~~said~~the sets of profile data, each of ~~said~~the predictions including a confidence level;

combining ~~said~~the predictions by weight-averaging corresponding ones from each of ~~said~~the at least two sets to produce a combined set.

22. (Currently amended) A method in claim 21, wherein

~~said step of~~ combining the predictions includes

adjusting weights of ~~said~~the weight averaging responsively to a difference between ~~said~~the corresponding ones.

23. (Currently amended) A method as in claim 21, wherein

~~said step of~~ combining the predictions includes

selectively overriding ~~said~~the weight averaging responsively to a difference between ~~said~~the corresponding ones such that a prediction of a one of ~~said~~the sets of predictions is included in ~~said~~the combined set and a prediction of the other of ~~said~~the sets of predictions is excluded.

24. (Currently amended) A method of combining profile data, comprising ~~the steps of~~:

generating first profile data by receiving through a user interface user preferences in the form of expressed generalized preferences corresponding classes of resources;

generating second profile data by receiving user preferences in the form of rating data corresponding to specific resources;

~~combining said first and second profile data to produce predictions by one of:~~

applying ~~said~~the first and second profile data to respective prediction engines and combining respective results thereof~~; and directly combining said first and second profile data to a prediction engine~~.

25. (Currently amended) A method as in claim 24, further including:

combining the first and second profile data,

wherein ~~said step of directly~~

combining the first and second profiles includes weight averaging corresponding ones of ~~said~~the profile data.

26. (Currently amended) A method as in claim 24, wherein

~~said step of~~ combining respective results includes selectively weight averaging corresponding ones of ~~said~~the predictions.

27-29 (Canceled).